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TO: Mail Stop AF
Examiner: STEVENS, THOMAS H.
Art Unit: 2123

FAX: (703) 872-9306

FROM: Brian T. Sattizahn

Direct Dial: (717) 237-5258

TOTAL NUMBER OF PAGES, INCLUDING THIS COVER LETTER: 29

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Transmittal Form
Certificate of Fax Transmittal
Response Under 37 C.F.R. 1.116 (24 pages)
Fee Transmittal (in duplicate)

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Attorney Docket No.: 13DV-13689 (07783-0038-01)
Application No.: 09/610,094
Filed: June 30, 2000

FAX NUMBER: (717) 237-5300

PARALEGAL RESPONSIBLE: Kimberly A. Newell TELEPHONE: (717) 237-5239

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PTO/SB/21 (02-04)

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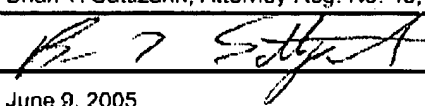
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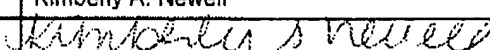
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/610,094	
	Filing Date	June 30, 2000	
	First Named Inventor	CRABTREE et al.	
	Art Unit	2123	
	Examiner Name	STEVENS, THOMAS H.	
Total Number of Pages in This Submission	24	Attorney Docket Number	13DV-13689 (07783-0038-01)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Fax Transmittal
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	McNees Wallace & Nurick LLC Brian T. Sattizahn, Attorney Reg. No. 46,401
Signature	
Date	June 9, 2005

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Kimberly A. Newell		
Signature		Date	June 9, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4178)		Complete if Known	
FEE TRANSMITTAL For FY 2005		Application Number	09/610,094
		Filing Date	June 30, 2000
		First Named Inventor	CRABTREE et al.
		Examiner Name	STEVENS, THOMAS H.
		Art Unit	2123
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	13DV-13689 (07783-0038-01)
TOTAL AMOUNT OF PAYMENT (\$) 250.00			

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 60-1059 Deposit Account Name: McNeess Wallace & Nurick LLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

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☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
Total Claims	Extra Claims	Fee (\$)
21	20 or HP = 1	\$50.00
	x	\$50.00 = \$50.00
HP = highest number of total claims paid for, if greater than 20.		
Indop. Claims	Extra Claims	Fee (\$)
4	- 3 or HP = 1	\$200.00
	x	\$200.00 = \$200.00
HP = highest number of independent claims paid for, if greater than 3.		
Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
N/A	N/A	N/A

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
N/A	N/A	150 = N/A	N/A	N/A

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)	Fees Paid (\$)
	N/A
Other (e.g., late filing surcharge):	N/A

SUBMITTED BY		
Signature	Registration No. 46,401 (Attorney/Agent)	Telephone (717) 237-258
Name (Print/Type) Brian T. Sattizahn		Date June 9, 2005

This collection of information is required by 37 CFR 1.126. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Application No. 09/610,094
Attorney Docket No. 13DV-13689
(07783-0038)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: CRAIBTREE et al. :
: :
Application No.: 09/610,094 : Group Art Unit: 2123
: :
Filed: June 30, 2000 : Examiner: T. H. Stevens
: :
For: AIRCRAFT ENGINE FACE RADAR CROSS SECTION ANALYSIS

RESPONSE UNDER 37 C.F.R. 1.116

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P.O. Box 1450
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Sir:

Please consider the following Response for the above-referenced Application.

A.) INTRODUCTORY COMMENTS

This Response is filed in response to the Final Office Action dated March 9, 2005.

The **Amendments to the Specification** section begins on page 2 of this Response.

The **Amendments to the Claims** section begins on page 3 of this Response and any amendments to the claims are reflected in the listing of the claims included therein.

The **Amendments to the Drawings** section begins on page 12 of this Response and any amendments to the drawings include both an attached replacement sheet and an annotated sheet showing any changes.

The **Remarks/Arguments** section begins on page 13 of this Response.

06/10/2005 TL0111 00000015 501059 09610094

01 FC:1201 200.00 DA
02 FC:1202 50.00 DA